

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110309.D
 Acq On : 30 Oct 2018 18:02
 Operator : JU/SJ
 Sample : J5722-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-U-S

Quant Time: Oct 31 04:32:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	104921	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	410057	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	182885	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	295759	20.00	ng	0.00
76) Chrysene-d12	14.16	240	188554	20.00	ng	0.00
87) Perylene-d12	15.69	264	156780	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	245904	38.17	ng	0.00
7) Phenol-d6	6.58	99	192259	23.33	ng	-0.01
23) Nitrobenzene-d5	7.53	82	633149	91.58	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	138924	76.69	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1097531	94.23	ng	0.00
79) Terphenyl-d14	13.09	244	827056	91.22	ng	0.00

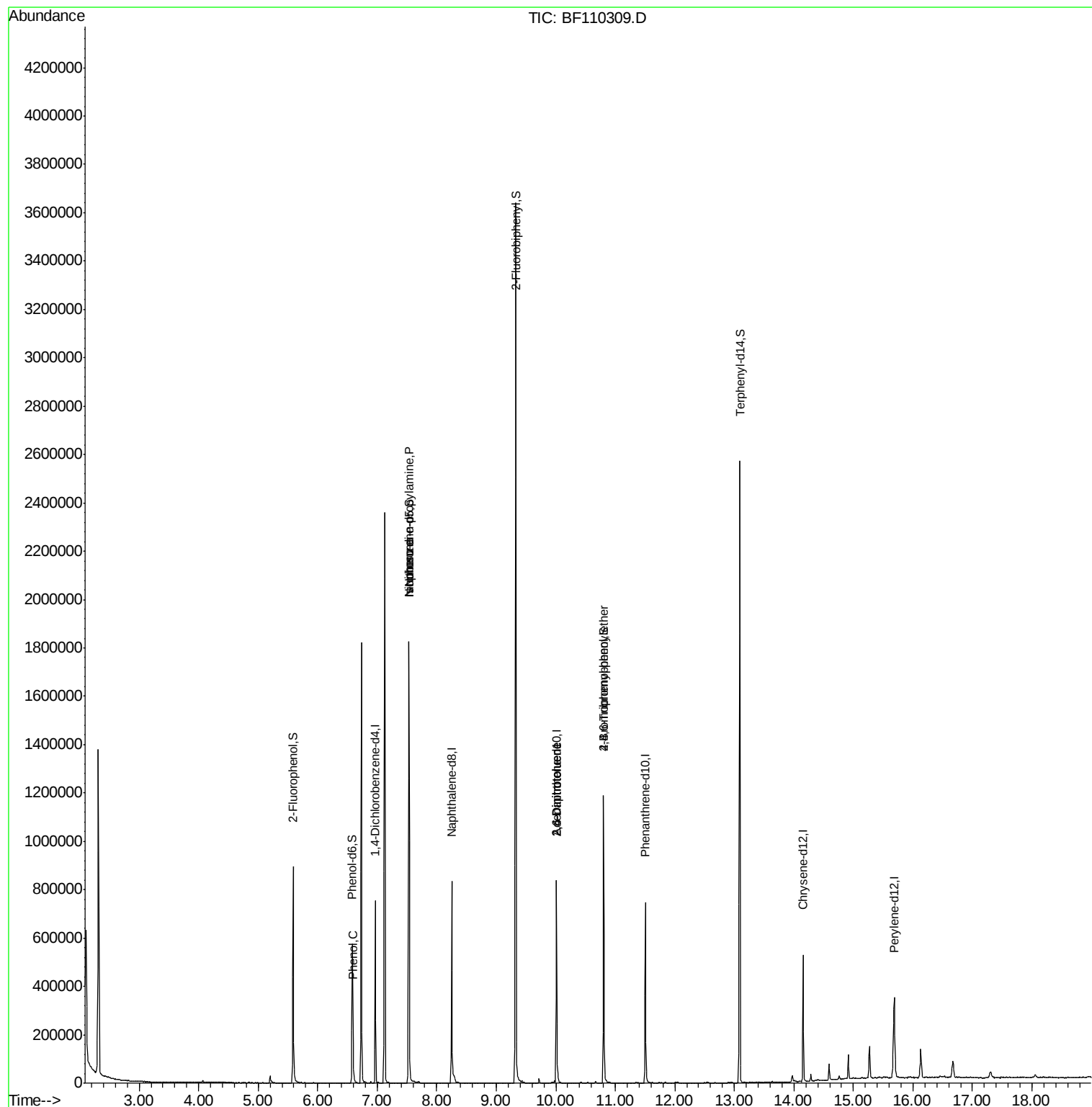
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	464	Below Cal		# 1
10) Phenol	6.60	94	39983	4.539	ng	# 60
19) n-Nitroso-di-n-propylamine	7.53	70	85165	16.108	ng	# 80
25) Isophorone	7.53	82	633185	53.730	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	22930	7.885	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	22930	6.208	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	8885	2.770	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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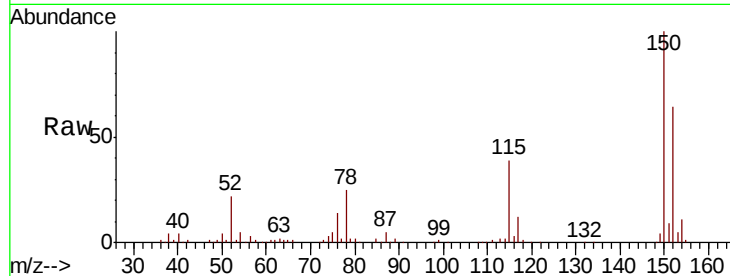




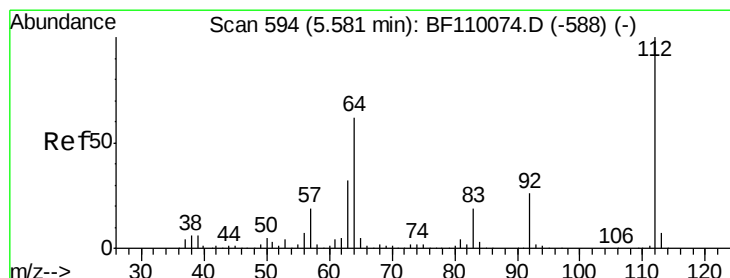
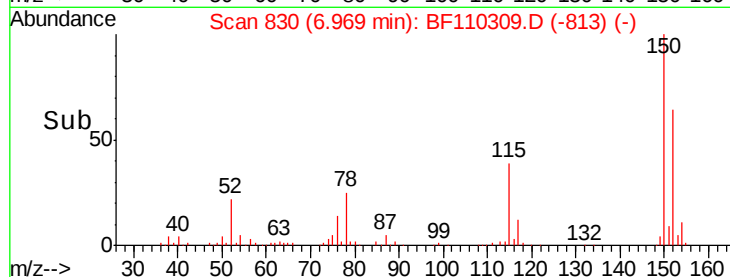
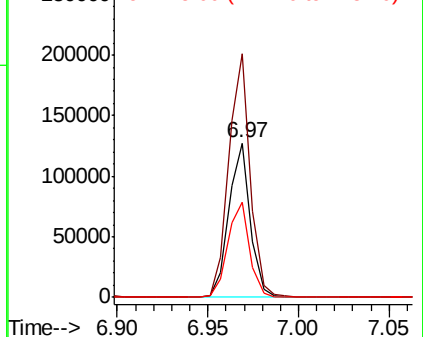
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF110309.D
 Acq: 30 Oct 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-U-S

Tgt Ion:152 Resp: 104921
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 61.9 49.1 73.7

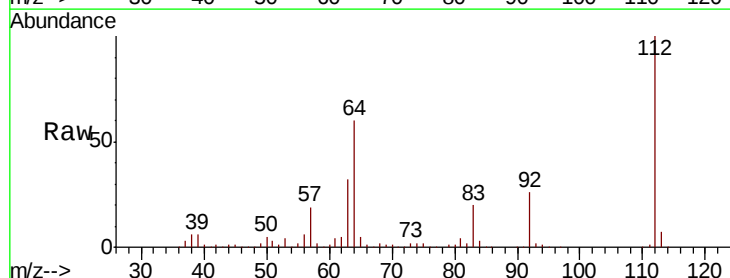


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

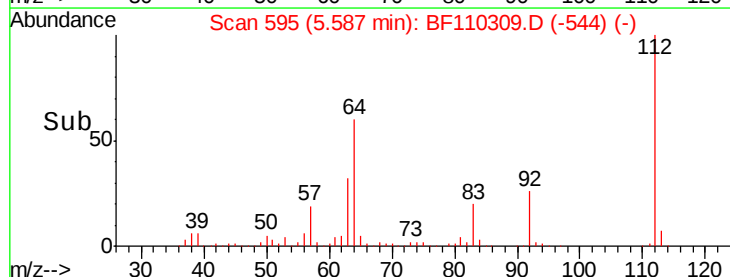
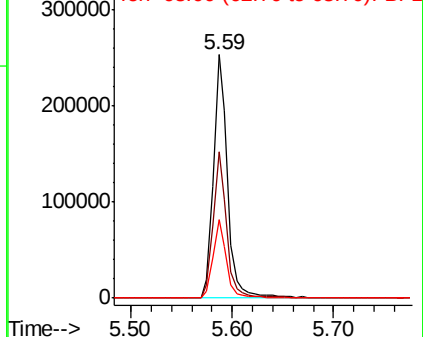


#5
 2-Fluorophenol
 Concen: 38.166 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF110309.D
 Acq: 30 Oct 2018 18:02

Tgt Ion:112 Resp: 245904
 Ion Ratio Lower Upper
 112 100
 64 60.1 44.1 66.1
 63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.329 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110309.D

Acq: 30 Oct 2018 18:02

Instrument :

BNA_F

ClientSampleId :

102618-TIPC-F-U-S

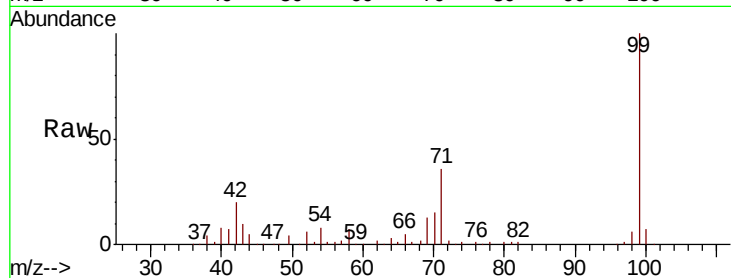
Tgt Ion: 99 Resp: 192259

Ion Ratio Lower Upper

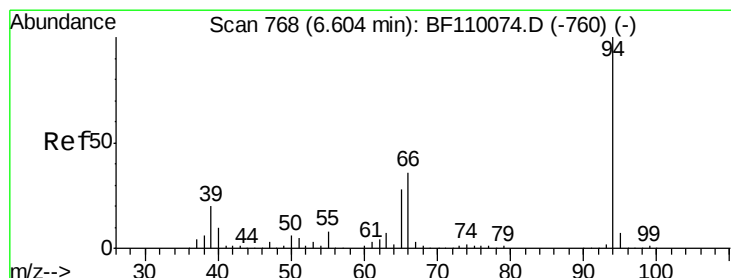
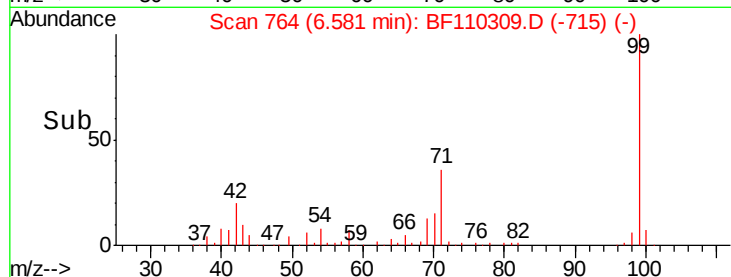
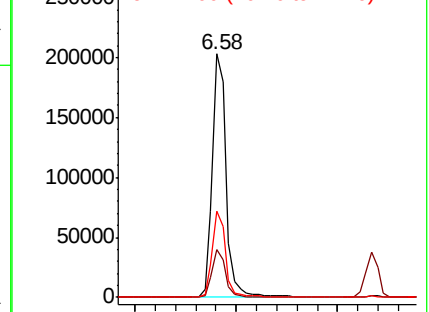
99 100

42 19.6 15.8 23.6

71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.539 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110309.D

Acq: 30 Oct 2018 18:02

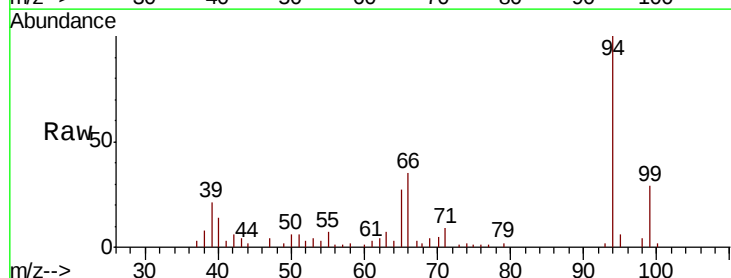
Tgt Ion: 94 Resp: 39983

Ion Ratio Lower Upper

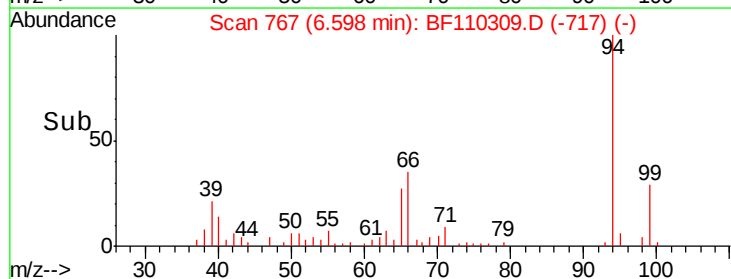
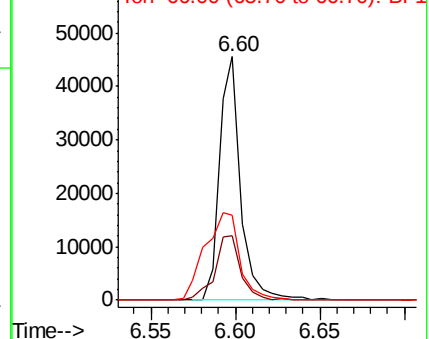
94 100

65 26.6 25.3 65.3

66 34.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

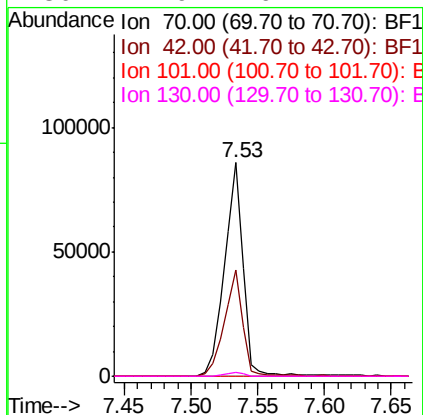
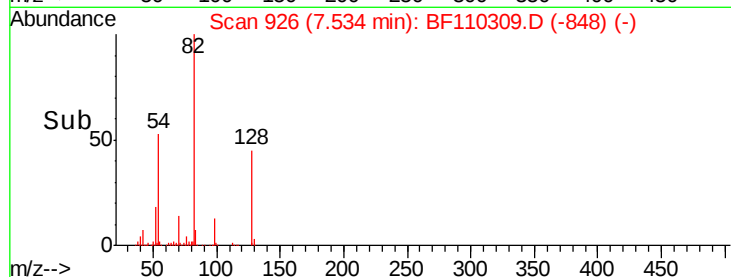
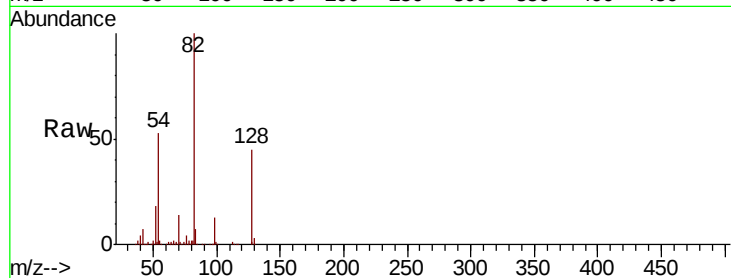




#19
n-Nitroso-di-n-propylamine
Concen: 16.108 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110309.D
Acq: 30 Oct 2018 18:02

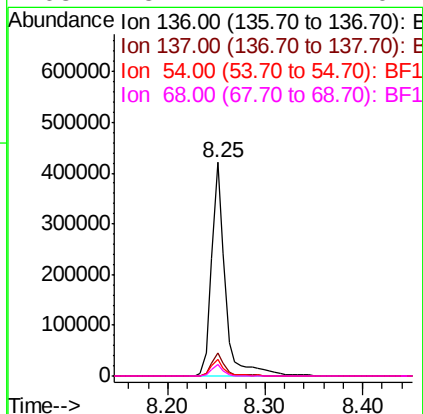
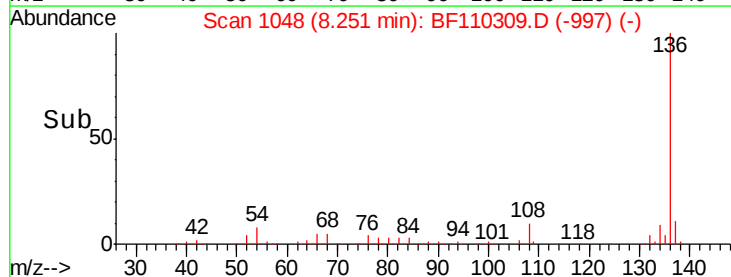
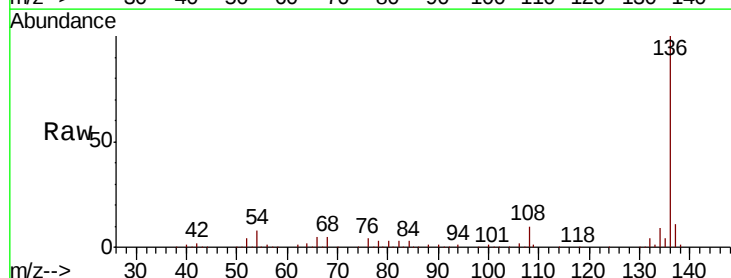
Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-U-S

Tgt Ion: 70 Resp: 85165
Ion Ratio Lower Upper
70 100
42 49.7 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110309.D
Acq: 30 Oct 2018 18:02

Tgt Ion: 136 Resp: 410057
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 5.4 8.2
68 5.1 4.2 6.2

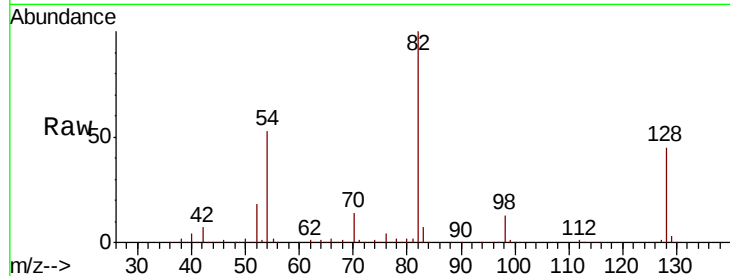




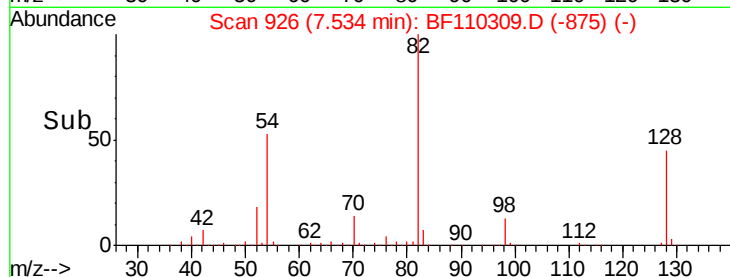
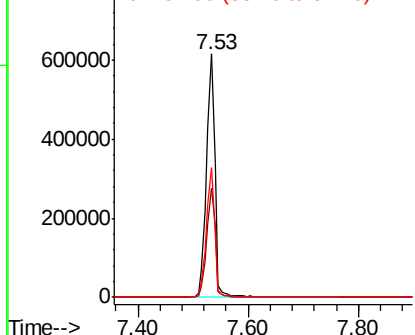
#23
Nitrobenzene-d5
Concen: 91.583 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110309.D
Acq: 30 Oct 2018 18:02

Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-U-S

Tgt Ion: 82 Resp: 633149
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.2
54 53.3 38.6 58.0

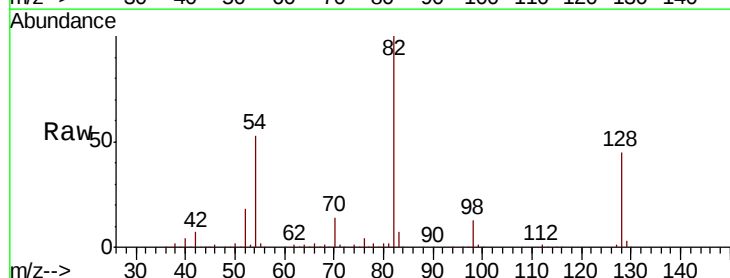


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

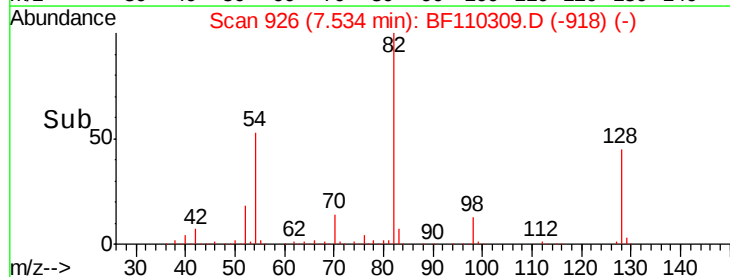
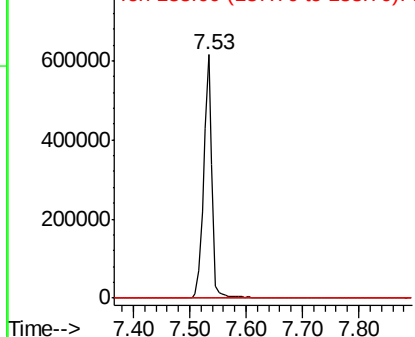


#25
Isophorone
Concen: 53.730 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110309.D
Acq: 30 Oct 2018 18:02

Tgt Ion: 82 Resp: 633185
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110309.D

Acq: 30 Oct 2018 18:02

Instrument :

BNA_F

ClientSampleId :

102618-TIPC-F-U-S

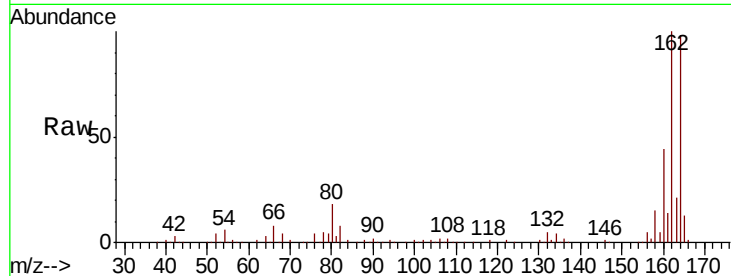
Tgt Ion:164 Resp: 182885

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.6

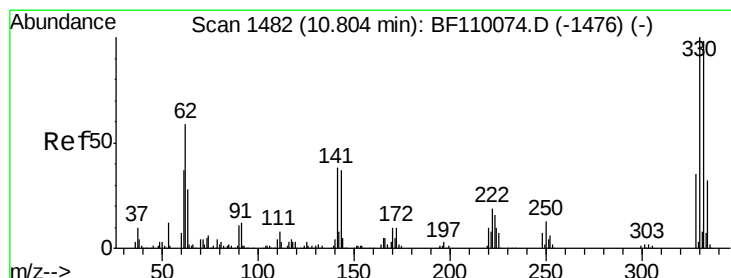
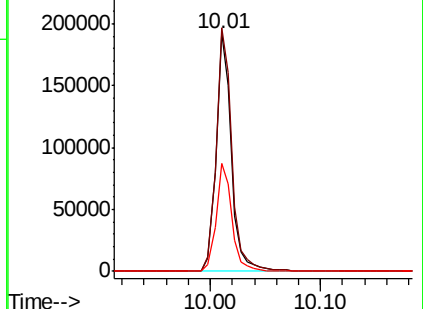
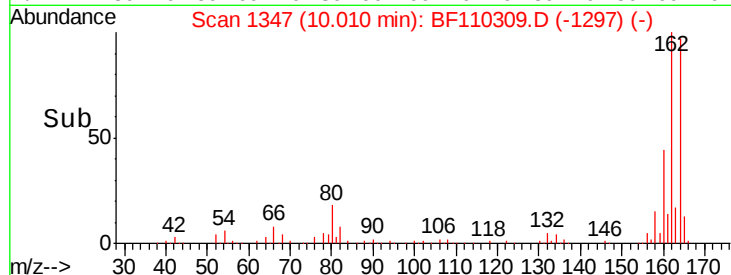
160 45.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 76.686 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110309.D

Acq: 30 Oct 2018 18:02

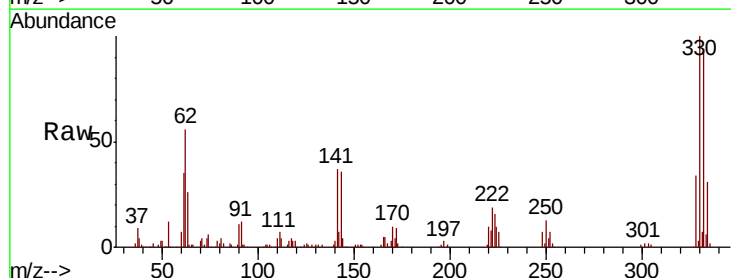
Tgt Ion:330 Resp: 138924

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

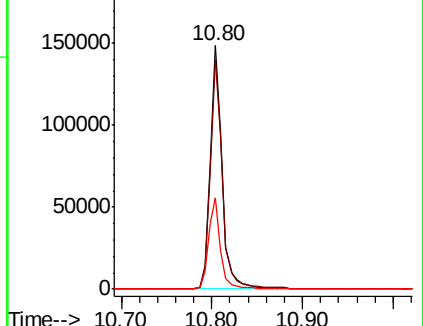
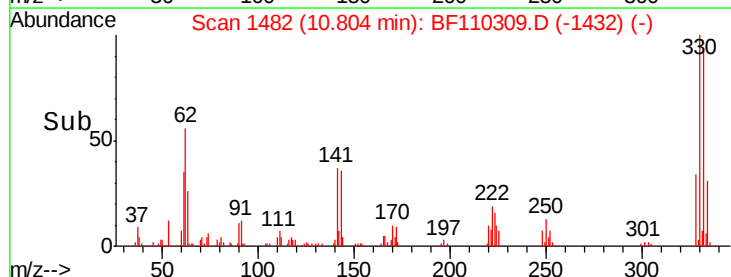
141 37.2 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

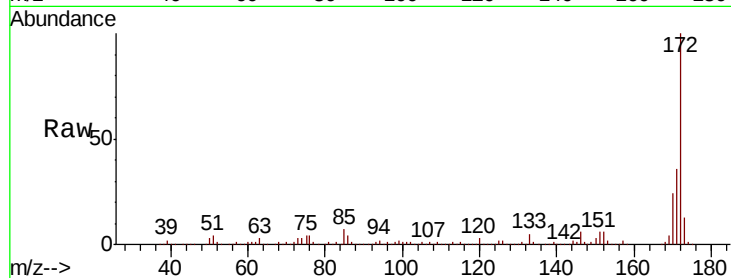




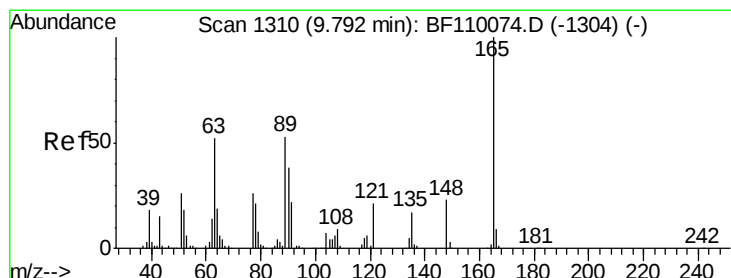
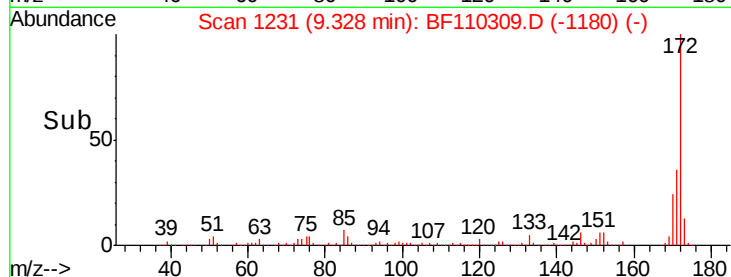
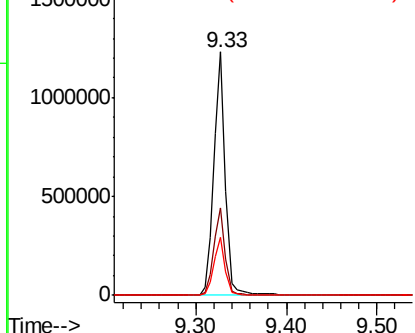
#45
 2-Fluorobiphenyl
 Concen: 94.234 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110309.D
 Acq: 30 Oct 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-U-S

Tgt Ion:172 Resp: 1097531
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.7 19.7 29.5

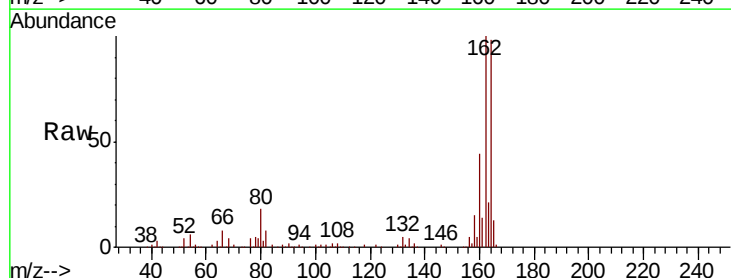


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

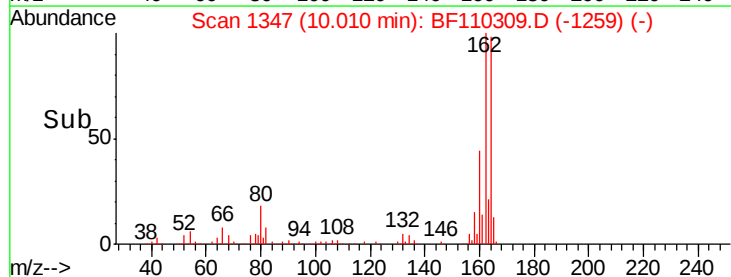
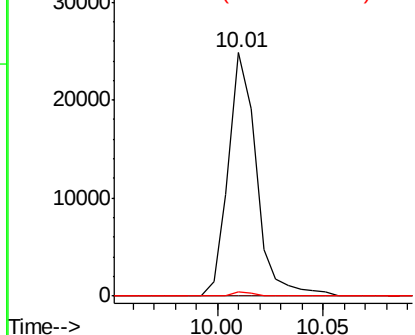


#51
 2,6-Dinitrotoluene
 Concen: 7.885 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110309.D
 Acq: 30 Oct 2018 18:02

Tgt Ion:165 Resp: 22930
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 1.9 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

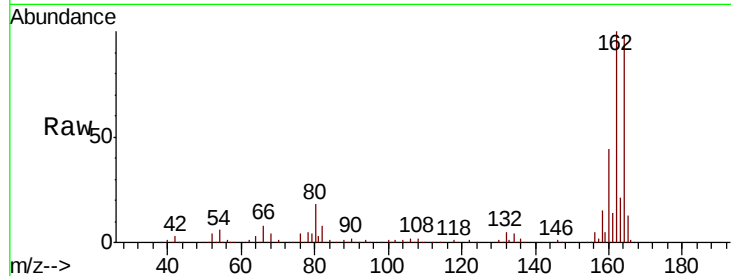




#57
2,4-Dinitrotoluene
Concen: 6.208 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110309.D
Acq: 30 Oct 2018 18:02

Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-U-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#

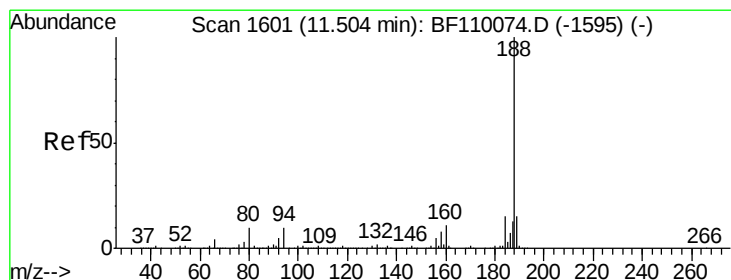
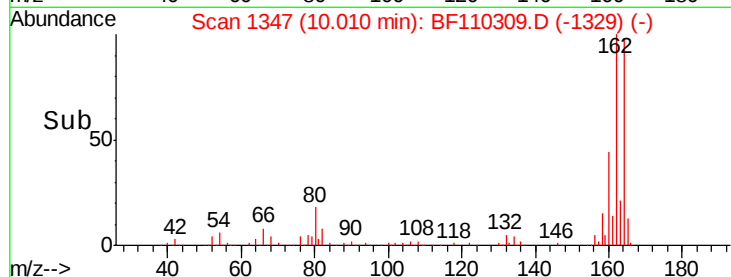
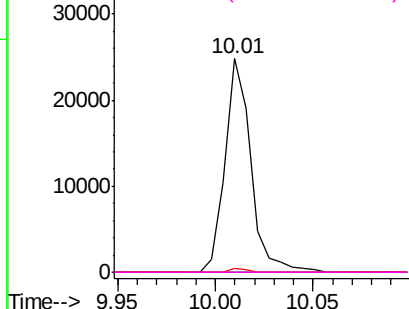


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

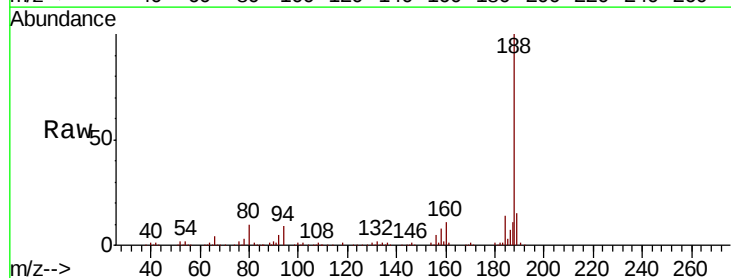
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110309.D
Acq: 30 Oct 2018 18:02

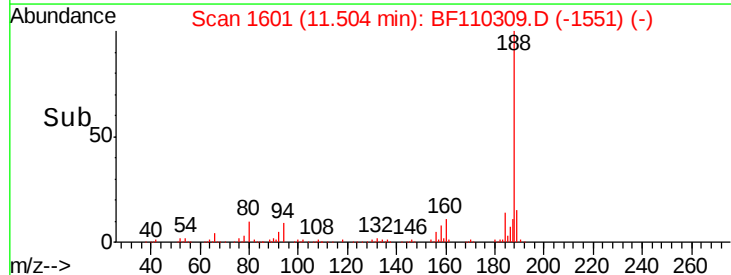
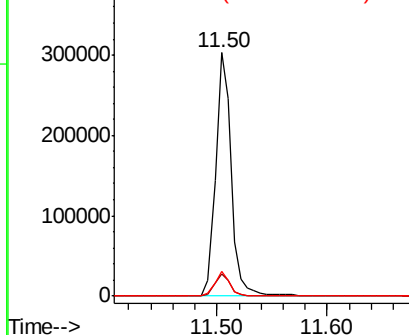
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.2	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

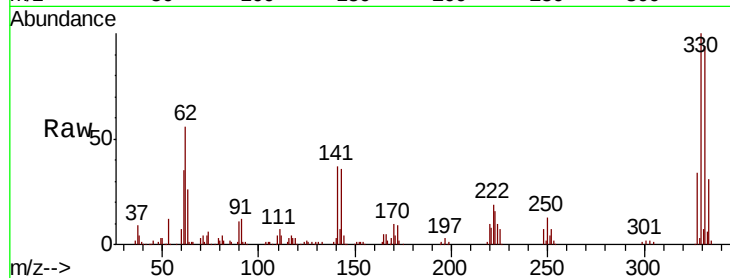




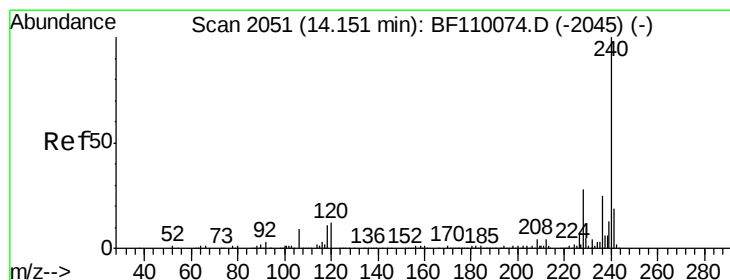
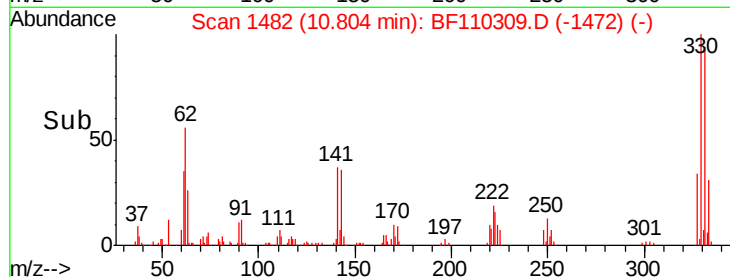
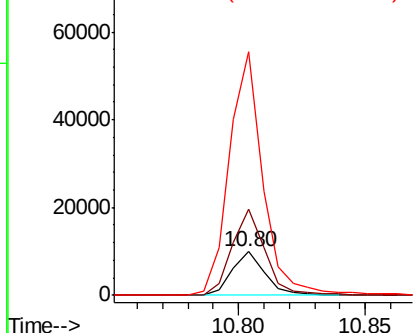
#67
 4-Bromophenyl-phenylether
 Concen: 2.770 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF110309.D
 Acq: 30 Oct 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-U-S

Tgt Ion:248 Resp: 8885
 Ion Ratio Lower Upper
 248 100
 250 197.5 79.4 119.2#
 141 557.5 55.9 83.9#

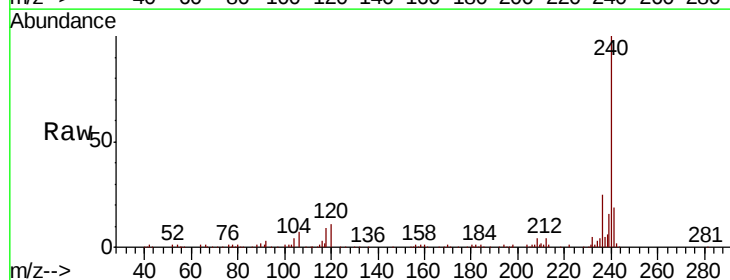


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

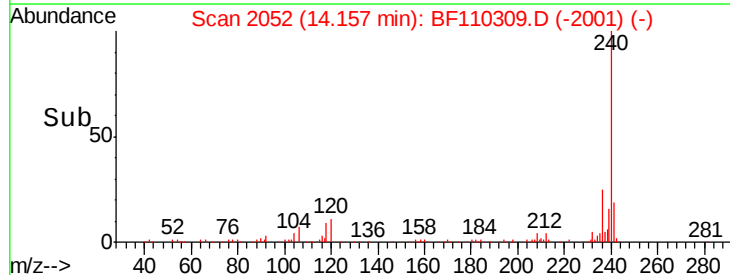
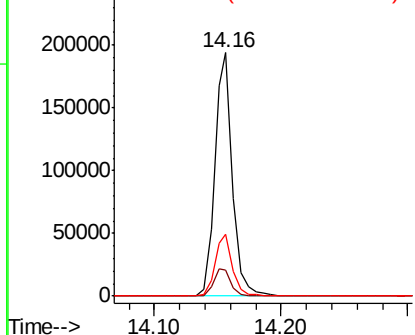


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BF110309.D
 Acq: 30 Oct 2018 18:02

Tgt Ion:240 Resp: 188554
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.3 12.5
 236 25.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.223 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110309.D

Acq: 30 Oct 2018 18:02

Instrument :

BNA_F

ClientSampleId :

102618-TIPC-F-U-S

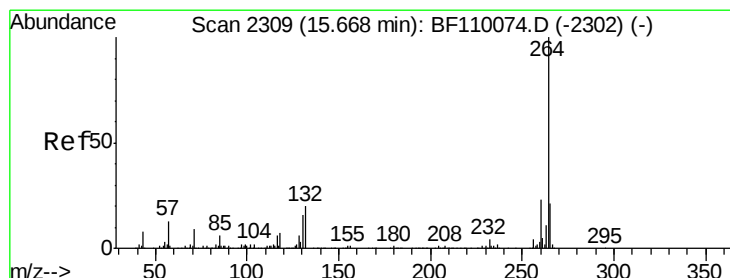
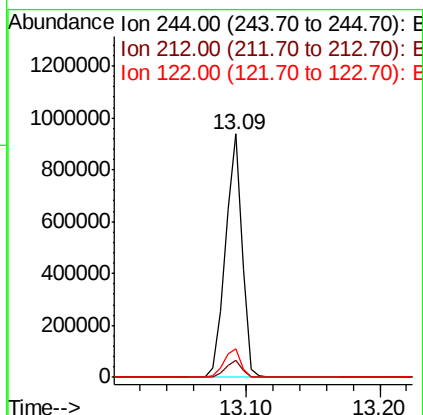
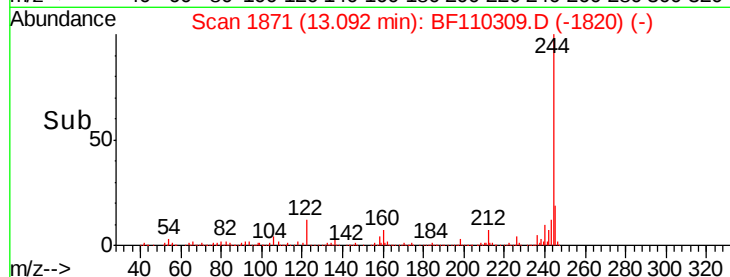
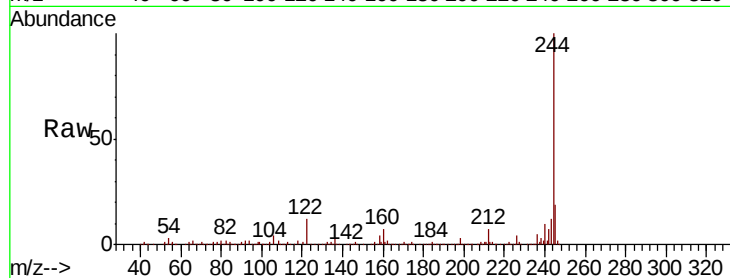
Tgt Ion:244 Resp: 827056

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.6 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110309.D

Acq: 30 Oct 2018 18:02

Tgt Ion:264 Resp: 156780

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.8 16.7 25.1

